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No. 181

## House of Representatives

The House met at 2 p.m. and was called to order by the Speaker pro tempore (Mr. HOLDING).

### DESIGNATION OF THE SPEAKER PRO TEMPORE

The SPEAKER pro tempore laid before the House the following communication from the Speaker:

WASHINGTON, DC,  
December 16, 2016.

I hereby appoint the Honorable GEORGE HOLDING to act as Speaker pro tempore on this day.

PAUL D. RYAN,  
*Speaker of the House of Representatives.*

### PRAYER

Reverend Monsignor Kevin Hart, St. Peter's Catholic Church, Washington, D.C., offered the following prayer:

O Father of us all, You have woven Your divine providence into the very fabric of our Nation. Against all odds You were instrumental in bringing it to birth. In the face of our enemies, from without and from within, You have safeguarded the freedom for which so many of our brothers and sisters have given their lives. You have endowed our country with natural and human resources that make it a land flowing with milk and honey and a beacon of hope for those who yearn for the freedom that we enjoy.

With these blessings, O God, comes the responsibility to use them wisely. Inspire and guide the Members of this Chamber, so that through them You may bring to fruition the good work You have begun in us. God bless these United States of America.  
Amen.

### THE JOURNAL

The SPEAKER pro tempore. Pursuant to section 2(a) of House Resolution 944, the Journal of the last day's proceedings is approved.

### PLEDGE OF ALLEGIANCE

The SPEAKER pro tempore. Will the gentleman from Georgia (Mr. LOUDERMILK) come forward and lead the House in the Pledge of Allegiance.

Mr. LOUDERMILK led the Pledge of Allegiance as follows:

I pledge allegiance to the Flag of the United States of America, and to the Republic for which it stands, one nation under God, indivisible, with liberty and justice for all.

### ANNOUNCEMENT BY THE SPEAKER PRO TEMPORE

The SPEAKER pro tempore. Pursuant to clause 4 of rule I, the following enrolled bills were signed by the Speaker on Wednesday, December 14, 2016:

H.R. 710, to require the Secretary of Homeland Security to prepare a comprehensive security assessment of the transportation security card program, and for other purposes;

H.R. 1150, to amend the International Religious Freedom Act of 1998 to improve the ability of the United States to advance religious freedom globally through enhanced diplomacy, training, counterterrorism, and foreign assistance efforts, and through stronger and more flexible political responses to religious freedom violations and violent extremism worldwide, and for other purposes;

H.R. 2726, to require the Secretary of the Treasury to mint commemorative coins in recognition of the 50th anniversary of the first manned landing on the Moon;

H.R. 3784, to amend the Securities Exchange Act of 1934 to establish an Office of the Advocate for Small Business Capital Formation and a Small Business Capital Formation Advisory Committee, and for other purposes;

H.R. 3842, to improve homeland security, including domestic preparedness and response to terrorism, by reforming Federal Law Enforcement Training

Centers to provide training to first responders, and for other purposes;

H.R. 4352, to direct the Secretary of Veterans Affairs to carry out a pilot program establishing a patient self-scheduling appointment system, and for other purposes;

H.R. 4939, to increase engagement with the governments of the Caribbean region, the Caribbean diaspora community in the United States, and the private sector and civil society in both the United States and the Caribbean, and for other purposes;

H.R. 5015, to restore amounts improperly withheld for tax purposes from severance payments to individuals who retired or separated from service in the Armed Forces for combat-related injuries, and for other purposes;

H.R. 5099, to establish a pilot program on partnership agreements to construct new facilities for the Department of Veterans Affairs;

H.R. 5612, to designate the facility of the United States Postal Service located at 2886 Sandy Plains Road in Marietta, Georgia, as the 'Marine Lance Corporal Squire 'Skip' Wells Post Office Building';

H.R. 5790, to provide adequate protections for whistleblowers at the Federal Bureau of Investigation;

H.R. 5948, to designate the facility of the United States Postal Service located at 830 Kuhn Drive in Chula Vista, California, as the 'Jonathan 'J.D.' De Guzman Post Office Building';

H.R. 6130, to provide the victims of Holocaust-era persecution and their heirs a fair opportunity to recover works of art confiscated or misappropriated by the Nazis;

H.R. 6138, to designate the facility of the United States Postal Service located at 560 East Pleasant Valley Road, Port Hueneme, California, as the U.S. Naval Construction Battalion 'Seabees' Fallen Heroes Post Office Building;

□ This symbol represents the time of day during the House proceedings, e.g., □ 1407 is 2:07 p.m.

Matter set in this typeface indicates words inserted or appended, rather than spoken, by a Member of the House on the floor.



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H.R. 6282, to designate the facility of the United States Postal Service located at 2024 Jerome Avenue, in Bronx, New York, as the “Dr. Roscoe C. Brown, Jr. Post Office Building”;

H.R. 6302, to provide an increase in premium pay for protective services during 2016, and for other purposes;

H.R. 6304, to designate the facility of the United States Postal Service located at 501 North Main Street in Florence, Arizona, as the “Adolfo ‘Harpo’ Celaya Post Office”;

H.R. 6323, to name the Department of Veterans Affairs health care system in Long Beach, California, the “Tibor Rubin VA Medical Center”;

H.R. 6400, to revise the boundaries of certain John H. Chafee Coastal Barrier Resources System units in New Jersey;

H.R. 6431, to ensure United States jurisdiction over offenses committed by United States personnel stationed in Canada in furtherance of border security initiatives;

H.R. 6477, to amend chapter 97 of title 28, United States Code, to clarify the exception to foreign sovereign immunity set forth in section 1605(a)(3) of such title;

S. 8, to provide for the approval of the Agreement for Cooperation Between the Government of the United States of America and the Government of the Kingdom of Norway Concerning Peaceful Uses of Nuclear Energy.

#### ANNOUNCEMENT BY THE SPEAKER PRO TEMPORE

The SPEAKER pro tempore. Pursuant to clause 4 of rule I, the following enrolled bill was signed by Speaker pro tempore Thornberry on Thursday, December 15, 2016:

H.R. 6014, to allow the Administrator of the Federal Aviation Administration to enter into reimbursable agreements for certain airport projects.

#### AMERICAN INNOVATION AND COMPETITIVENESS ACT

Mr. LOUDERMILK. Mr. Speaker, I ask unanimous consent to take from the Speaker's table the bill (S. 3084) to invest in innovation through research and development, and to improve the competitiveness of the United States, and ask for its immediate consideration in the House.

The Clerk read the title of the bill.

The SPEAKER pro tempore. Is there objection to the request of the gentleman from Georgia?

There was no objection.

The text of the bill is as follows:

Strike all after the enacting clause and insert the following:

#### SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

(a) SHORT TITLE.—This Act may be cited as the “American Innovation and Competitiveness Act”.

(b) TABLE OF CONTENTS.—The table of contents of this Act is as follows:

Sec. 1. Short title; table of contents.

Sec. 2. Definitions.

TITLE I—MAXIMIZING BASIC RESEARCH  
Sec. 101. Reaffirmation of merit-based peer review.

Sec. 102. Transparency and accountability.

Sec. 103. EPSCoR reaffirmation and update.

Sec. 104. Cybersecurity research.

Sec. 105. Networking and Information Technology Research and Development Update.

Sec. 106. Physical sciences coordination.

Sec. 107. Laboratory program improvements.

Sec. 108. Standard Reference Data Act update.

Sec. 109. NSF mid-scale project investments.

Sec. 110. Oversight of NSF major multi-user research facility projects.

Sec. 111. Personnel oversight.

Sec. 112. Management of the U.S. Antarctic Program.

Sec. 113. NIST campus security.

Sec. 114. Coordination of sustainable chemistry research and development.

Sec. 115. Misrepresentation of research results.

Sec. 116. Research reproducibility and replication.

Sec. 117. Brain Research through Advancing Innovative Neurotechnologies Initiative.

#### TITLE II—ADMINISTRATIVE AND REGULATORY BURDEN REDUCTION

Sec. 201. Interagency working group on research regulation.

Sec. 202. Scientific and technical collaboration.

Sec. 203. NIST grants and cooperative agreements update.

Sec. 204. Repeal of certain obsolete reports.

Sec. 205. Repeal of certain provisions.

Sec. 206. Grant subrecipient transparency and oversight.

Sec. 207. Micro-purchase threshold for procurement solicitations by research institutions.

Sec. 208. Coordination of international science and technology partnerships.

#### TITLE III—SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH EDUCATION

Sec. 301. Robert Noyce Teacher Scholarship Program update.

Sec. 302. Space grants.

Sec. 303. STEM Education Advisory Panel.

Sec. 304. Committee on STEM Education.

Sec. 305. Programs to expand STEM opportunities.

Sec. 306. NIST education and outreach.

Sec. 307. Presidential awards for excellence in STEM mentoring.

Sec. 308. Working group on inclusion in STEM fields.

Sec. 309. Improving undergraduate STEM experiences.

Sec. 310. Computer science education research.

Sec. 311. Informal STEM education.

Sec. 312. Developing STEM apprenticeships.

Sec. 313. NSF report on broadening participation.

Sec. 314. NOAA science education programs.

Sec. 315. Hispanic-serving institutions undergraduate program update.

#### TITLE IV—LEVERAGING THE PRIVATE SECTOR

Sec. 401. Prize competition authority update.

Sec. 402. Crowdsourcing and citizen science.

Sec. 403. NIST other transaction authority update.

Sec. 404. NIST director functions update.

Sec. 405. NIST Visiting Committee on Advanced Technology update.

#### TITLE V—MANUFACTURING

Sec. 501. Hollings manufacturing extension partnership improvements.

#### TITLE VI—INNOVATION AND TECHNOLOGY TRANSFER

Sec. 601. Innovation corps.

Sec. 602. Translational research grants.

Sec. 603. Optics and photonics technology innovations.

Sec. 604. United States chief technology officer.

Sec. 605. National research council study on technology for emergency notifications on campuses.

#### SEC. 2. DEFINITIONS.

In this Act, unless expressly provided otherwise:

(1) APPROPRIATE COMMITTEES OF CONGRESS.—The term “appropriate committees of Congress” means the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science, Space, and Technology of the House of Representatives.

(2) FEDERAL SCIENCE AGENCY.—The term “Federal science agency” has the meaning given the term in section 103 of the America COMPETES Reauthorization Act of 2010 (42 U.S.C. 6623).

(3) FOUNDATION.—The term “Foundation” means the National Science Foundation.

(4) INSTITUTION OF HIGHER EDUCATION.—The term “institution of higher education” has the meaning given the term in section 101(a) of the Higher Education Act of 1965 (20 U.S.C. 1001(a)).

(5) NIST.—The term “NIST” means the National Institute of Standards and Technology.

(6) STEM.—The term “STEM” has the meaning given the term in section 2 of the American COMPETES Reauthorization Act of 2010 (42 U.S.C. 6621 note).

(7) STEM EDUCATION.—The term “STEM education” has the meaning given the term in section 2 of the STEM Education Act of 2015 (42 U.S.C. 6621 note).

#### TITLE I—MAXIMIZING BASIC RESEARCH SEC. 101. REAFFIRMATION OF MERIT-BASED PEER REVIEW.

(a) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) sustained, predictable Federal funding of basic research is essential to United States leadership in science and technology;

(2) the Foundation's intellectual merit and broader impacts criteria are appropriate for evaluating grant proposals, as concluded by the 2011 National Science Board Task Force on Merit Review;

(3) evaluating proposals on the basis of the Foundation's intellectual merit and broader impacts criteria should be used to assure that the Foundation's activities are in the national interest as these reviews can affirm that—

(A) the proposals funded by the Foundation are of high quality and advance scientific knowledge; and

(B) the Foundation's grants address societal needs through basic research findings or through related activities; and

(4) as evidenced by the Foundation's contributions to scientific advancement, economic growth, human health, and national security, its peer review and merit review processes have identified and funded scientifically and societally relevant basic research and should be preserved.

(b) MERIT REVIEW CRITERIA.—The Foundation shall maintain the intellectual merit and broader impacts criteria, among other specific criteria as appropriate, as the basis for evaluating grant proposals in the merit review process.

(c) UPDATES.—If after the date of enactment of this Act a change is made to the merit-review process, the Director shall submit a report to the appropriate committees of Congress not later than 30 days after the date of the change.

#### SEC. 102. TRANSPARENCY AND ACCOUNTABILITY.

(a) FINDINGS.—